

09-29-00

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**UTILITY PATENT APPLICATION TRANSMITTAL**

ASSISTANT COMMISSIONER OF PATENTS  
Box Patent Application  
Washington, D.C. 20231

Attorney Docket No. 21891.03200  
Prior Application Number:  
Art Unit:  
Examiner:  
PTO Customer Number:

Sir:

Transmitted herewith for filing is a utility patent application of

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for: METHOD AND SYSTEM FOR PERFORMANCE LEVEL MODELING AND SIMULATION OF  
ELECTRONIC SYSTEMS HAVING BOTH HARDWARE AND SOFTWARE ELEMENTS

Enclosed are the following:

1. ☒ Specification, abstract and claims of 31 pages.
2. ☒ 9 sheets of ☐ formal ☒ informal drawings ☐ No drawings.
3. ☒ Declaration (original or copy) by the named inventor(s) - unsigned
4. ☐ Preliminary Amendment
5. ☐ Information Disclosure Statement
6. ☐ Other:

**NOTE the following:**

7. ☐ Applicant is a small entity. Unsigned Small Entity Statement enclosed – 50% Filing Fee Reduction  
(if applicable)
8. ☐ The prior application is assigned to

09/28/00  
1c845 U.S. PTO

09/28/00  
1c845 U.S. PTO

1c825 U.S. PTO  
09/670911  
09/28/00

9. This application is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of Prior Application

Filed:

10. ☐ Priority of the following application(s) is (are) claimed under 35 U.S.C. 119:

Serial No.	Date Filed	Country	Certified Copy of Priority Doc. Filed	
			USSN or PCT#	Date

11. ☐ An Extension of Time is filed concurrently herewith for the parent application.

12. ☐ Cancel claims \_\_\_\_\_ prior to calculation of the filing fee.

**FILING FEE:** calculated below (after accounting for any preliminary amendment or claims cancellations if noted above):

<input checked="" type="checkbox"/>	Total Claims	28	Total Claims Subject to Fees: 8	\$144.00
<input checked="" type="checkbox"/>	Independent Claims	3	Total Claims Subject to Fees: 0	\$
<input type="checkbox"/>	Multiple Dependent Claims			\$
<input checked="" type="checkbox"/>	Basic Filing Fee			\$690.00
<input type="checkbox"/>	Extension Fees			\$
	Sub-Total			\$834.00
<input type="checkbox"/>	Less Small Entity Fee Reduction			\$
<input type="checkbox"/>	Assignment Recordal Fees			\$
	Total Fees			\$834.00

☒ Check(s) no. 472210 in the amount of \$834.00 is enclosed (must at least cover the basic fee). If no check or an insufficient check is enclosed and a fee is due herewith, the Commissioner is authorized to charge any fee or additional fee due in connection herewith to Deposit Account No. 03-3821, referencing Attorney Docket No. 21891.03200. A duplicate of this sheet is enclosed.

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $\epsilon \rightarrow 0$ . It is shown that the solutions of the system (1) converge to the solutions of the system (2) in the sense of the weak convergence in the space  $L^2(\Omega; \mathbb{R}^n)$ .

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